

SPECIFICATION AMENDMENTS

After paragraph 0027 of the specification, please add the following paragraph:

Brief Description of the Drawing

FIG.1. Illustrates Scheme 1.

Please amend paragraph 0048 of the specification as follows:

The likelihood of identifying a line with a suitable combination of traits is further reduced when considering the potential effects of a transgene on the regulation of metabolism within a plant. For example, one can consider the potential effect of genes conferring resistance to glyphosate, glufosinate, and sulfonylureas or imidazolanones. The genes conferring these traits are, respectively, a gene encoding the enzyme 5-enolpyruvylshikimate-3-phosphate synthase (EPSPS), a transgene encoding the enzyme phosphinothricin acetyl transferase (PAT), and a gene encoding a mutant acetolactate synthase (ALS) enzyme. The biochemical steps affected by these genes is illustrated in Scheme 1 (FIG. 1). In the case of PAT, the effect is not to catalyze the reaction shown, but to counteract the effect of phosphinothricin, which inhibits the enzyme glutamine synthase. Two of the genes (EPSPS and ALS) affect closely related biochemical reactions in the synthesis of amino acids.

After paragraph 0049, please delete page 13 of the specification.